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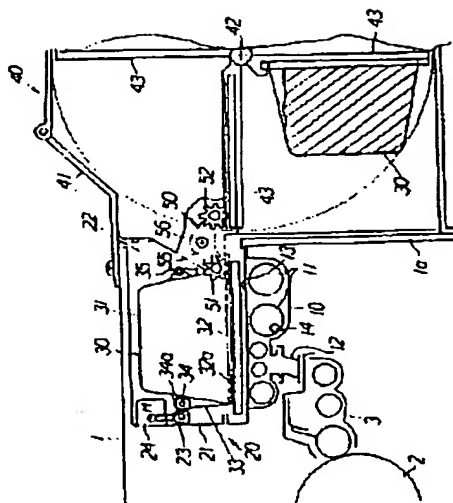
APPLICATION DATE : 06-09-90  
APPLICATION NUMBER : 02234513

APPLICANT : CANON INC;

INVENTOR : MATSUNAGA TAKESHI;

INT.CL. : G03G 15/08

TITLE : IMAGE FORMING DEVICE



ABSTRACT : PURPOSE: To automatically replenish toner and simultaneously, to prevent reduction in the operating efficiency of a device with respect to the replenishment of the toner by housing plural toner cartridges, and automatically, supplying a prescribed toner cartridge inside, on a supplying device.

CONSTITUTION: When the toner inside the toner cartridge 30 on the supplying device is completely used, a sealing device 33 is moved to obtain a closed state by a sealing member operating means 24, and the empty cartridge 30 is closed. Then, a cartridge housing/attaching device 40 is operated to recover the empty cartridge 30 inside the device 40, and simultaneously, supplies a new cartridge 30 on the supplying device. Then, a means 24 is operated to move the member 33 of the cartridge 30 on the supplying device to obtain the opened state of the member 33, and to supply the toner inside the cartridge 30 to the side of a developing device via the supplying device. Furthermore, the above-mentioned toner replenishing work is automatized by a control means, and the increase of the operating efficiency is attained.

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